IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Appln No.: | 09/784,158 |) Confirmation No. 1544 |
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| Filed: | February 16, 2001 | This Amendment and Response was electronically filed on November 25, 2008 using the U.S. Patent and Trademark Office's EFS Web |
| Applicants: | Stephan W. WEGERICH et al. | |
| Title: | SYSTEM FOR EXTRACTION OF REPRESENTATIVE DATA FOR TRAINING OF ADAPTIVE PROCESS MONITORING EQUIPMENT | |
| Art Unit: | 2123 |) |
| Examiner: | Russell L. Guill |))) |
| Attorney Do | ocket: 7060/70479 |)) |
| Customer N | To.: 22242 |) |
| Commission P. O. Box 14 | MENDMENT ner for Patents 50 Virginia 22313-1450 | |

AMENDMENT AND RESPONSE

Sir:

In response to the Office Action dated July 28, 2008, as entered in the above-captioned matter, kindly amend the claims as per the modifications shown herein. Applicants hereby petition under 37 CFR § 1.136(a) for a one-month extension of time in the above-captioned application, up to and including November 28, 2008, to make this reply timely.

Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks/Arguments begin on page12 of this paper.